CLAIMS

1. A glass container forming system comprising

a blow station including a blow mold for receiving a parison,

a blowhead mechanism for transforming the parison into a blown parison in the blow mold,

blow mold cooling means for simultaneously cooling the inner and outer surfaces of said blown parison to form a bottle in the blow mold,

a conveyor for receiving formed bottles,

takeout means including

gripper means for gripping the formed bottle,

first displacement means for delivering the gripped bottle sequentially to a deadplate location, then to a conveyor location proximate the conveyor, and then to a deposit location over the conveyor, and

takeout cooling means for cooling the inner surface of a gripped bottle so that the gripped bottle can be internally cooled from the time the bottle is gripped until the bottle is deposited on the conveyor, and

deadplate means including can means for enclosing a gripped bottle,

second displacement means for displacing said deadplate means from a remote location to the deadplate location where the can means can enclose the gripped bottle, and then to the conveyor location,

cooling means for supplying cooling air to said can means for cooling the outer surface of the enclosed bottle from the deadplate location until the gripped bottle is displaced from the conveyor location to the deposit location.

2. A glass container forming system according to claim 1, wherein said can means comprises

a can including a door displaceable from an open position to allow entry of a gripped bottle to a closed position enclosing a gripped bottle, and

third displacement means for displacing the door to a closed position at the deadplate location to enclose a gripped bottle and to the open position at the conveyor location so that the enclosed bottle can be removed from the can.